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PTO/SB/50 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033  
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## REISSUE PATENT APPLICATION TRANSMITTAL

|  |  |                   |
|--|--|-------------------|
| Address to:<br><b>Assistant Commissioner for Patents<br/>Box Patent Application<br/>Washington, DC 20231</b> | Attorney Docket No.                            | 272/012           |
|  | First Named Inventor                           | Paul Beck         |
|  | Original Patent Number                         | 6,030,308         |
|  | Original Patent Issue Date<br>(Month/Day/Year) | February 29, 2000 |
|  | Express Mail Label No.                         | EV051354002US     |

### APPLICATION FOR REISSUE OF: (check applicable box)

☒ Utility Patent

☐ Design Patent

☐ Plant Patent

#### APPLICATION ELEMENTS (37 CFR 1.173)

1. ☒ Fee Transmittal Form (e.g., PTO/SB/56)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification and Claims in a double column copy of patent format (amended, if appropriate)
4. ☐ Drawing(s) (proposed amendments, if appropriate)
5. ☒ Reissue Oath / Declaration (original or copy)  
(37 C.F.R. § 1.175)(PTO/SB/51 or 52)
6. ☐ Power of Attorney
7. Original U.S. Patent currently assigned? ☐ Yes ☒ No  
(If Yes, check applicable box(es))  
☐ Written Consent of all Assignees (PTO/SB/53)  
☐ 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)
8. ☐ CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table
9. Nucleotide and/or Amino Sequence Submission  
(if applicable, all of the following are necessary)
  - a. ☐ Computer Readable Form (CFR)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM (2 copies) or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

10. ☒ Statement of status/support for all changes to the claims.  
See 37 CFR 1.173(c).
11. ☐ Original U.S. Patent for surrender  
☐ Ribbioned Original Patent Grant  
☐ Statement of Loss (PTO/SB/55)
12. ☐ Foreign Priority Claim (35 U.S.C. 119)  
(if applicable)
13. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
14. ☐ English Translation of Reissue Oath/Declaration  
(if applicable)
15. ☒ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
17. ☐ Other: \_\_\_\_\_

#### 14. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

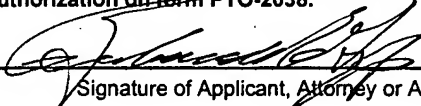
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or ☐ Correspondence address below

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|                   |                      |                                   |                   |
|-------------------|----------------------|-----------------------------------|-------------------|
| NAME (Print/Type) | Richard E. Lyon, Jr. | Registration No. (Attorney/Agent) | 26,300            |
| Signature         |                      | Date                              | February 27, 2002 |

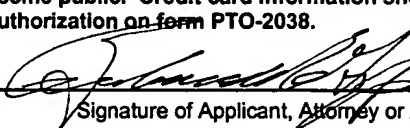
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| <b>REISSUE APPLICATION FEE TRANSMITTAL FORM</b>  |  |                                     |  |                          |               | Docket Number (Optional)<br>272/012 |                             |     |
|--|--|-------------------------------------|--|--------------------------|---------------|-------------------------------------|-----------------------------|-----|
| Claims as Filed - Part 1   |  |                                     |  |                          |               |                                     |                             |     |
| Claims in Patent   | For  | Number Filed in Reissue Application | (3) Number Extra                       | Small Entity             |               | Other than a Small Entity           |                             |     |
|  |  |                                     |  | Rate                     | Fee           | Rate                                | Fee                         |     |
| (A) 16<br>(C) 5  | Total Claims<br>(37 CFR 1.16(j))<br>Independent<br>Claims (37 CFR 1.16(i)) | (B) 24<br>(D) 12                    | **** 4<br>= * 7                        | X\$9=<br>X\$42=          | 36<br>294     | or                                  | X\$_____<br>= X\$_____<br>= |     |
| Basic Fee (37 CFR 1.16(h))   |  |                                     |  |                          | \$370         |                                     | \$ _____                    |     |
| Total Filing Fee   |  |                                     |  |                          | \$700         | OR                                  | \$ _____                    |     |
| Claims as Amended - Part 2   |  |                                     |  |                          |               |                                     |                             |     |
|  | (1) Claims Remaining After Amendment                                       |                                     | (2) Highest Number Previously Paid For | (3) Extra Claims Present | Small Entity  |                                     | Other than a Small Entity   |     |
|  |  |                                     |  |                          | Rate          | Fee                                 | Rate                        | Fee |
| Total Claims<br>(37 CFR 1.16(j))   | ...  | MINUS                               | ..                                     | *<br>=                   | X\$_____<br>= | or                                  | X\$_____<br>=               |     |
| Independent<br>Claims (37 CFR 1.16(i))   | ...  | MINUS                               | *****                                  | =<br>=                   | X\$_____<br>= |                                     | X\$_____<br>=               |     |
| Total Additional Fee   |  |                                     |  |                          | \$            | OR                                  | \$                          |     |
| <p>* If the entry in (D) is less than the entry in (C), Write "0" in column 3.<br/>** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.<br/>*** After any cancellation of claims<br/>**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).<br/>***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 27 CFR 1.27.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____.<br/>A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. <u>12-2475</u>.<br/>A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> A check in the amount of \$ <u>700</u> to cover the filing / additional fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on form PTO-2038.</b></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 30%;">FEB. 27, 2002<br/>Date</div><div style="width: 60%; text-align: center;"><br/>_____<br/>Signature of Applicant, Attorney or Agent of Record</div></div> <div style="text-align: center; margin-top: 20px;">Richard E. Lyon, Jr., Reg. No. 26,300<br/>_____<br/>Typed or printed name</div> |  |                                     |  |                          |               |                                     |                             |     |

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| Year | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

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| <b>REISSUE APPLICATION FEE TRANSMITTAL FORM</b>  |  |                                     |  |                          |              | Docket Number (Optional)<br>272/012 |                           |           |
|--|--|-------------------------------------|--|--------------------------|--------------|-------------------------------------|---------------------------|-----------|
| <b>Claims as Filed - Part 1</b>  |  |                                     |  |                          |              |                                     |                           |           |
| Claims in Patent   | For  | Number Filed in Reissue Application | (3) Number Extra                       | Small Entity             |              | Other than a Small Entity           |                           |           |
|  |  |                                     |  | Rate                     | Fee          | Rate                                | Fee                       |           |
| (A) 16<br>(C) 5  | Total Claims<br>(37 CFR 1.16(j))<br>Independent<br>Claims (37 CFR 1.16(i)) | (B) 24                              | **** 4                                 | = X\$9=                  | 36           | or                                  | X\$ _____                 |           |
|  |  | (D) 12                              | * 7                                    | = X\$42=                 | 294          |                                     | =                         |           |
| Basic Fee (37 CFR 1.16(h))   |  |                                     |  |                          | \$370        |                                     | \$ _____                  |           |
| Total Filing Fee   |  |                                     |  |                          | \$700        | OR                                  | \$ _____                  |           |
| <b>Claims as Amended - Part 2</b>  |  |                                     |  |                          |              |                                     |                           |           |
|  | (1) Claims Remaining After Amendment                                       |                                     | (2) Highest Number Previously Paid For | (3) Extra Claims Present | Small Entity |                                     | Other than a Small Entity |           |
|  |  |                                     |  |                          | Rate         | Fee                                 | Rate                      | Fee       |
| Total Claims<br>(37 CFR 1.16(j))   | ***  | MINUS                               | ..                                     | =                        | X\$ _____    | =                                   | or                        | X\$ _____ |
| Independent Claims (37 CFR 1.16(i))  | ***  | MINUS                               | *****                                  | =                        | X\$ _____    | =                                   |                           | X\$ _____ |
| Total Additional Fee   |  |                                     |  |                          | \$           | OR                                  | \$                        |           |
| <p>* If the entry in (D) is less than the entry in (C), Write "0" in column 3.</p> <p>** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.</p> <p>*** After any cancellation of claims</p> <p>**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).</p> <p>***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 27 CFR 1.27.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____.<br/>A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. <u>12-2475</u>.<br/>A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> A check in the amount of \$ <u>700</u> to cover the filing / additional fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on form PTO-2038.</b></p> <p><u>FEB. 27, 2002</u><br/>Date</p> <p style="text-align: center;"><br/>Signature of Applicant, Attorney or Agent of Record</p> <p style="text-align: center;">_____<br/>Richard E. Lyon, Jr., Reg. No. 26,300<br/>Typed or printed name</p> |  |                                     |  |                          |              |                                     |                           |           |

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